18754

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

Formerly C&GS 5108, 1st Ed., July 1927. D-1927-279

SOUNDINGS IN FEET

Nautical Chart Catalog No. 2, Panel H

18754

NOAA

NATIONAL OCEAN SERVICE

UNITED STATES - WEST COAST

CALIFORNIA

# NEWPORT BAY

**Mercator Projection**
**Scale 1:10,000 at Lat. 33°37'**
**North American Datum of 1983**
**(World Geodetic System 1984)**
**SOUNDINGS IN FEET**
**AT MEAN LOWER LOW WATER**

TIDAL INFORMATION

| Place Name (LAT/LONG) | Height referred to datum of soundings (MLLW) | | | |
|---|---|---|---|---|
| | Mean Higher High Water | Mean High Water | Mean Low Water | Extreme Low Water |
| | feet | feet | feet | feet |
| Balboa Pier, Newport Beach (33°36'N/117°54'W) | 5.3 | 4.6 | 1.0 | -2.5 |
| Newport Bay Entrance, Corona del Mar (33°36'N/117°53'W) | 5.4 | 4.6 | 0.9 | -2.5 |

(250)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical; Al. alternating; B. black; Bn. beacon; C. can; DIA. diaphone; E int. equal interval (Iso); F. fixed; Fl. flashing; G. green; Gp. group; IQ interrupted quick; Iso. isophase (E Int); LT HO lighthouse; M. nautical mile; m. minutes; MICRO TR microwave tower; Mkr. marker; Mo. morse code; N. nun; OBSC. obscured; Oc. occulting; Or. orange; Q. quick; R. red; Ra Ref. radar reflector; R Bn. radiobeacon; R TR. radio tower; Rot. rotating; s. seconds; SEC. sector; St M. statute miles; VQ very quick; W. white; WHIS. whistle; Y. yellow.

Bottom characteristics:
Bldr. boulders; bk. broken; Cy. clay; Co. coral; G. gravel; Grs. grass; Gy. grey; h. hard; M. mud; Oys. oysters; Rk. rock; S. sand; sft. soft; Sh. shells; sy. sticky.

Miscellaneous:
AUTH. authorized; ED. existence doubtful; Obstn. obstruction; PA. position approximate; PD. position doubtful; Rep. reported; Subm. submerged.
23. Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS. International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: - - - - - - - -

HEIGHTS
**Heights in feet above Mean High Water**

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.071" northward and 3.202" westward to agree with this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. For location and description see the Coast Guard Local Notices to Mariners and Light List.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 11th Coast Guard District in Long Beach, Calif., or at the Office of the District Engineer, Corps of Engineers in Los Angeles, Calif. Refer to charted regulation section numbers.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Los Angeles, Calif. KWO-37 162.55 MHz

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 7 for important supplemental information.

Note B
CAUTION
No person shall operate, drive or navigate any vessel powered by an engine through the channel lying between Bay Island and the Peninsula from June 1st through September 15th of each year. Newport Beach Municipal Code, Section 10158.1

NOTE D
CAUTION
Area subject to frequent change. Charted depths from surveys of 1974-1977.

Nautical Mile
Yards

The City of Newport Beach includes the communities of Corona del Mar, Newport Heights and the islands in the bay, and also the communities of Balboa and Newport Beach on the mainland.

NEWPORT BAY CHANNELS, DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS, SURVEYED TO NOV 1980

CONTROLLING DEPTHS (SOUNDINGS IN FEET AT MEAN LOWER LOW WATER DATUM)

| NAME OF CHANNEL | LAST DEPTH | LAST WIDTH | MIN. WIDTH | MIN. WIDTH | DATE OF SURVEY | WIDTH | DEPTH | DEPTH |
|---|---|---|---|---|---|---|---|---|
| | CONTROL | CONTROL | CONTROL | CONTROL | | (FEET) | (MLLW) | (MLW) |
| ENTRANCE CHANNEL | 18.5 | 200 | 200 | 18.5 | 11-1979 | 500 | 21.5 | 26 |
| CHANNEL NO. MAY BEND | 17.5 | 200 | 200 | 17.5 | 11-1979 | 500 | 21.5 | 26 |
| BALBOA REACH | 18.5 | 180 | 180 | 17.8 | 9-1980 | 250 (180) | 21.5 | 26 |
| HARBOR ISLAND REACH | 18.5 | 180 | 180 | 18.5 | 9-1980 | 300 | 21.5 | 26 |
| LIDO ISLE REACH | 14.5 | 90.5 | 90.5 | 14.0 | 9-1980 (1-80) | 350 | 17.5 | 22 |
| TURNING BASIN | 14.5 | 90.5 | 90.5 | 14.0 | 9-1980 (1-80) | 350 | 17.5 | 22 |
| BALBOA ISLAND NORTH CHANNEL | 8.5 | 80 | 80 | 4.5 | 11-1979 | 200 | 12.5 | 17 |

NOTE: CONSULT THE CHARTS OR SURVEYS FOR CHANNELS SURVEYED SINCE THESE INFORMATION.

REVISED BY CHARTING NOTICE 48/1980

Santa Ana Heights
Costa Mesa
NEWPORT HEIGHTS
The Arches
Cliff Haven
BAY-SHORES
LIDO ISLE
LIDO PENINSULA
NEWPORT BEACH
Newport Beach
BALBOA
BALBOA COVES
NEWPORT L.
TURNING BASIN
Linda Isle
HARBOR I.
Promontory Bay
PROMONTORY PT.
BEACH
Big Canyon
Marsh
Mud
Sand
Rocks
Kelp
Subm pile
Fish haven
Swimming Area
Cable & Pipeline Area
BALBOA ISLAND NORTH CHANNEL
BALBOA REACH
BALBOA I.
Grand Canal
Yacht Club
Harbor Dept
Coast Guard Pier
MARKER
SPIRE
TOWER
MAST
FIXED BRIDGE
HOR CL 18 FT
VERT CL 41 FT
OVHD PWR CAB
AUTH CL 45 FT
ANCHORAGE AREA
(IO 95 (see note A))
117°55'
117°54'
117°53'
117°52'
33°39'
33°38'
33°37'

| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH FEET | LENGTH NAUT MILES | DEPTH MLLW FEET |
|---|---|---|---|---|---|---|---|---|
| ENTRANCE CHANNEL | 15.5 | 22.1 | 20.3 | 16.5 | 11-69 | 500 | 0.6 | 20 |
| CORONA DEL MAR BEND | 17.5 | 21.4 | 22.1 | 20.8 | 11-69 | 200-500 | 0.3 | 20 |
| BALBOA REACH | 16.5 | 16.6 | 16.3 | 17.9 | 9-66 | 200 | 0.5 | 20 |
| HARBOR ISLAND REACH | 16.0 | 16.3 | 16.4 | 15.0 | 3-68,11-69 | 200 | 0.7 | 20 |
| LIDO ISLE REACH | 14.5 | 16.5 | 17.0 | 16.7 | 11-69 | 200 | 0.6 | 20 |
| TURNING BASIN | 14.5 | 14.5 | 16.5 | 17.0 | 11-2-74 | 200-1000 | 0.3 | 20 |
| BALBOA ISLAND, NORTH CHANNEL | 6.0 | 6.0 | 8.5 | 4.5 | 11-69<br>11-69 | 200 | 0.9 | 10 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

PRODUCED BY COMPUTER ASSISTED METHODS

NEWPORT HEIGHTS
The Arches
BALBOA COVES
NEWPORT L.
FIXED BRIDGE
TURNING BASIN
Cliff Haven
NOTE D
CAUTION
Area subject to frequent change. Charted depths from surveys of 1974-1977
TOWER
N E W P O R T
BAY-SHORES
Linda Isle
LIDO ISLE
LIDO PENINSULA
LIDO ISLE REACH
NEWPORT BEACH
HARBOR
HARBOR ISLAND REACH
Promontory Bay
PROMONTORY PT.
B E A C H
BALBOA ISLAND NORTH CHANNEL
B A L B O A I.
BAY I.
Yacht Club
Newport Beach
BALBOA
Balboa Beach
BALBOA REACH
CORONA DEL MAR BEND
CORONA DEL MAR
ENTRANCE CHANNEL
Big Canyon
Back Gully
Marsh
Swimming Area
Cable & Pipeline Area
ANCHORAGE AREA (IQ 95 (see note A))
MEASURED NAUTICAL MILE
S A N P E D R O C H A N N E L
LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots
Nautical Mile
Yards
ANNUAL DECREASE 7'
MAGNETIC VAR 14°00' E
(CONTINUED ON CHART 18740)
(CONTINUED ON CHART 18740)

15th Ed., Oct. 20/90 ■

**18754**

C55: 418/7: 18754/990

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

20th Anniversary 1970-1990
National Oceanic and Atmospheric Administration
"Serving The Nation"
John A. Knauss, Administrator

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

| FATHOMS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEET | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 |
| METERS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

*(Newport Bay)*

SOUNDINGS IN FEET - SCALE 1:10,000

**18754**

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